Sources of non-conventional energy

3649. SHRI LEKHRAJ BACHANI:Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) what are the non-conventional energy sources in regular use in India and what is the total generation from those sources;

(b) what are other alternate sources of Non-Conventional Energy under research basis; and

(c) whether urban wastages of various kinds are being utilized for non-conventional energy, if not, whether Government will consider this source as one more alternate as it is in use in many countries?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI VILAS MUTTEMWAR): (a) The non-conventional energy sources in regular use for grid-interactive power are wind, biomass and small hydro. The cumulative installed capacity from these sources is 6160 MW, as on 31.3.2005.

(b) Other alternative sources of non-conventional energy under research are alternate fuels; namely, hydrogen, bio-fuels and synthetic fuels for transport, portable and stationary applications. In addition, work is in progress in solar thermal power and zero emission and hybrid vehicles.

(c) Municipal Solid Waste, whose potential in the country has been estimated at 1700 MW, is one among the identified source of non-conventional energy. The cumulative installed capacity from this source is 17.00 MW, as on 31.3.2005.

Solar and wind energy schemes in A.P.

3650. SHRI GIREESH KUMAR SANGHI: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether any schemes have been implemented in Andhra Pradesh conserving solar and wind energies for the last two years;

(b) if so, the details thereof; and

(c) if not, the reasons therefor?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI VILAS MUTTEMWAR): (a) Yes, Sir. The Ministry is implementing Schemes for harnessing wind energy